

ABSTRACT

5 A vibration damping rubber member having both a low degree of dynamic spring stiffness and a high vibration damping effect.

10 A process of producing a vibration damping rubber member, wherein a rubber material A which enables the vibration damping rubber member to have a low degree of dynamic spring stiffness, a rubber material B which enables the vibration damping rubber member to have a high vibration damping effect, and a vulcanizing agent capable of vulcanizing only an unvulcanized mass of the rubber material B are evenly mixed together and heated to vulcanize the rubber material B dispersed as the fine particles in the rubber material A, and wherein a vulcanizing agent capable of vulcanizing the rubber material A is added, and a thus obtained mixture is formed into a desired shape and heated to vulcanize the rubber material A so that the formed vibration damping rubber member has an island-sea structure in which fine particles of the vulcanized rubber material B are dispersed as a dispersed phase in a matrix phase of the vulcanized rubber material A.

15

20